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NEWS	2		"Ask CAS" for self-help around the clock
NEWS	3	FEB 28	PATDPAFULL - New display fields provide for legal status data from INPADOC
NEWS	4	FEB 28	BABS - Current-awareness alerts (SDIs) available
NEWS	5	MAR 02	GBFULL: New full-text patent database on STN
NEWS	6	MAR 03	REGISTRY/ZREGISTRY - Sequence annotations enhanced
NEWS	7	MAR 03	MEDLINE file segment of TOXCENTER reloaded
NEWS	8	MAR 22	KOREAPAT now updated monthly; patent information enhanced
NEWS	9	MAR 22	Original IDE display format returns to REGISTRY/ZREGISTRY
NEWS	10	MAR 22	PATDPASPC - New patent database available
NEWS	11	MAR 22	REGISTRY/ZREGISTRY enhanced with experimental property tags
NEWS	12	APR 04	EPFULL enhanced with additional patent information and new fields
NEWS	13	APR 04	EMBASE - Database reloaded and enhanced
NEWS	14	APR 18	New CAS Information Use Policies available online
NEWS	15	APR 25	Patent searching, including current-awareness alerts (SDIs), based on application date in CA/CAPLUS and USPATFULL/USPAT2 may be affected by a change in filing date for U.S. applications.
NEWS	16	APR 28	Improved searching of U.S. Patent Classifications for U.S. patent records in CA/CAPLUS
NEWS	17	MAY 23	GBFULL enhanced with patent drawing images
NEWS	18	MAY 23	REGISTRY has been enhanced with source information from CHEMCATS
NEWS	19	JUN 06	The Analysis Edition of STN Express with Discover! (Version 8.0 for Windows) now available
NEWS	20	JUN 13	RUSSIAPAT: New full-text patent database on STN
NEWS	21	JUN 13	FRFULL enhanced with patent drawing images
NEWS	22	JUN 27	MARPAT displays enhanced with expanded G-group definitions and text labels
NEWS	23	JUL 01	MEDICONF removed from STN
NEWS	24	JUL 07	STN Patent Forums to be held in July 2005
NEWS	25	JUL 13	SCISEARCH reloaded
NEWS	26	JUL 20	Powerful new interactive analysis and visualization software, STN AnaVist, now available
NEWS	27	AUG 11	Derwent World Patents Index(R) web-based training during August
NEWS	28	AUG 11	STN AnaVist workshops to be held in North America
NEWS	29	AUG 30	CA/CAPLUS - Increased access to 19th century research documents
NEWS	30	AUG 30	CASREACT - Enhanced with displayable reaction conditions
NEWS EXPRESS			JUNE 13 CURRENT WINDOWS VERSION IS V8.0, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 13 JUNE 2005
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NEWS LOGIN      Welcome Banner and News Items  
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NEWS WWW        CAS World Wide Web Site (general information)

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=> file medline, biosis, uspatful, dgene, embase, wpids, fsta, biotechds, scisearch		
COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	1.26	1.26

FILE 'MEDLINE' ENTERED AT 14:56:27 ON 30 AUG 2005

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=> s diabetes and (erythropoietin)  
L1            5350 DIABETES AND (ERYTHROPOIETIN)

=> s l1 and (iron deficiency or distribution)  
L2            1789 L1 AND (IRON DEFICIENCY OR DISTRIBUTION)

=> s l2 and (epoetin alfa or beta)  
L3            1662 L2 AND (EPOETIN ALFA OR BETA)

=> s l3 and darbepoetin  
L4            9 L3 AND DARBEPOETIN

=> d l4 ti abs ibib tot

L4 ANSWER 1 OF 9 USPATFULL on STN

TI Albumin fusion proteins

AB The present invention encompasses albumin fusion proteins. Nucleic acid molecules encoding the albumin fusion proteins of the invention are also encompassed by the invention, as are vectors containing these nucleic acids, host cells transformed with these nucleic acids vectors, and methods of making the albumin fusion proteins of the invention and using these nucleic acids, vectors, and/or host cells. Additionally the present invention encompasses pharmaceutical compositions comprising albumin fusion proteins and methods of treating, preventing, or ameliorating diseases, disorders or conditions using albumin fusion proteins of the invention.

ACCESSION NUMBER: 2005:214989 USPATFULL

TITLE: Albumin fusion proteins

INVENTOR(S): Rosen, Craig A., Laytonsville, MD, UNITED STATES  
Haseltine, William A., Washington, DC, UNITED STATES  
Ballance, David J., Berwyn, PA, UNITED STATES  
Turner, Andrew J., Eagleville, PA, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2005186664	A1	20050825
APPLICATION INFO.:	US 2004-775204	A1	20040211 (10)
RELATED APPLN. INFO.:	Continuation of Ser. No. WO 2002-US40891, filed on 23 Dec 2002, PENDING		

	NUMBER	DATE
PRIORITY INFORMATION:	US 2001-341811P	20011221 (60)
	US 2002-350358P	20020124 (60)
	US 2002-351360P	20020128 (60)
	US 2002-359370P	20020226 (60)
	US 2002-360000P	20020228 (60)
	US 2002-367500P	20020327 (60)
	US 2002-370227P	20020408 (60)
	US 2002-378950P	20020510 (60)
	US 2002-382617P	20020524 (60)
	US 2002-383123P	20020528 (60)
	US 2002-385708P	20020605 (60)
	US 2002-394625P	20020710 (60)
	US 2002-398008P	20020724 (60)
	US 2002-402131P	20020809 (60)
	US 2002-402708P	20020813 (60)
	US 2002-411355P	20020918 (60)
	US 2002-411426P	20020918 (60)
	US 2002-414984P	20021002 (60)
	US 2002-417611P	20021011 (60)
	US 2002-420246P	20021023 (60)
	US 2002-423623P	20021105 (60)

DOCUMENT TYPE: Utility

FILE SEGMENT: APPLICATION

LEGAL REPRESENTATIVE: HUMAN GENOME SCIENCES INC, INTELLECTUAL PROPERTY DEPT.,  
14200 SHADY GROVE ROAD, ROCKVILLE, MD, 20850, US

NUMBER OF CLAIMS: 21

EXEMPLARY CLAIM: 1

NUMBER OF DRAWINGS: 23 Drawing Page(s)

LINE COUNT: 25129

L4 ANSWER 2 OF 9 USPATFULL on STN

TI Methods of using Flt3-Ligand in hematopoietic cell transplantation procedures incorporating nonmyeloablative conditioning regimens

AB The invention is directed to methods of using Flt3-Ligand in

hematopoietic cell transplantation procedures using nonmyeloablative conditioning regimens. This abstract is provided for the sole purpose of enabling the reader to quickly ascertain the subject matter of the technical disclosure and is not intended to be used to interpret or limit the scope or meaning of the claims.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2005:68484 USPATFULL

TITLE: Methods of using Flt3-Ligand in hematopoietic cell transplantation procedures incorporating nonmyeloablative conditioning regimens

INVENTOR(S): Lyman, Stewart D., Seattle, WA, UNITED STATES  
Beckmann, M. Patricia, Hansville, WA, UNITED STATES  
McKenna, Hilary J., Seattle, WA, UNITED STATES  
Nash, Richard A., Seattle, WA, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2005058622	A1	20050317
APPLICATION INFO.:	US 2003-730334	A1	20031208 (10)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2002-431266P	20021206 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	Immunex Corporation, Law Department, 1201 Amgen Court West, Seattle, WA, 98119	
NUMBER OF CLAIMS:	25	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	4 Drawing Page(s)	
LINE COUNT:	3259	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 3 OF 9 USPATFULL on STN

TI Plasmid mediated GHRH supplementation for renal failures

AB The present invention pertains to compositions and methods for plasmid-mediated supplementation. The compositions and methods are useful for treatment or prevention of kidney failure, treatment of anemia, and other conditions commonly associated with kidney failure in order to increase survival and improve welfare in subjects with chronic renal failure. Overall, the embodiments of the invention can be accomplished by delivering an isolated nucleic acid expression construct that encodes a GHRH or functional biological equivalent thereof into a tissue of a subject and allowing expression of the encoded gene in the animal. For example, when such a nucleic acid sequence is delivered into the specific cells of the subject, tissue specific constitutive expression is achieved. The embodiments of the invention also encompass delivery of a recombinant GHRH polypeptide or functional biological equivalent thereof. The preferred method for delivering the constitutive or inducible nucleic acid encoding sequences of GHRH or the functional biological equivalents thereof is directly into the cells of the subject by the process of in vivo electroporation.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2005:4954 USPATFULL

TITLE: Plasmid mediated GHRH supplementation for renal failures

INVENTOR(S): Draghia-Akli, Ruxandra, Houston, TX, UNITED STATES  
Scott, Clara, Spring, TX, UNITED STATES  
Brown, Patricia A., Conroe, TX, UNITED STATES

PATENT ASSIGNEE(S): ADVISYS, Inc., The Woodlands, TX, UNITED STATES (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2005004060	A1	20050106
APPLICATION INFO.:	US 2004-827918	A1	20040420 (10)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2003-464266P	20030421 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	JACKSON WALKER LLP, 2435 NORTH CENTRAL EXPRESSWAY, SUITE 600, RICHARDSON, TX, 75080	
NUMBER OF CLAIMS:	105	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	12 Drawing Page(s)	
LINE COUNT:	4947	
CAS INDEXING IS AVAILABLE FOR THIS PATENT.		

L4 ANSWER 4 OF 9 USPATFULL on STN

TI Combination therapy for treating protein deficiency disorders

AB This application provides methods of improving protein replacement therapy by combining protein replacement therapy with active site-specific chaperones (ASSC) to increase the stability and efficiency of the protein being administered. The application further provides compositions comprising the purified protein and an ASSC, and methods of treatment by administering the compositions.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2004:233348 USPATFULL

TITLE: Combination therapy for treating protein deficiency disorders

INVENTOR(S): Fan, Jian-Qiang, Demarest, NJ, UNITED STATES

PATENT ASSIGNEE(S): Mount Sinai School of Medicine of New York University, New York, NY (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2004180419	A1	20040916
APPLICATION INFO.:	US 2004-771236	A1	20040202 (10)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2003-444136P	20030131 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	DARBY & DARBY P.C., P. O. BOX 5257, NEW YORK, NY, 10150-5257	
NUMBER OF CLAIMS:	67	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	1 Drawing Page(s)	
LINE COUNT:	1839	
CAS INDEXING IS AVAILABLE FOR THIS PATENT.		

L4 ANSWER 5 OF 9 USPATFULL on STN

TI Treatment of disturbances of iron **distribution**

AB A method of, and pharmaceutical composition for, treating disturbances of iron **distribution** in **diabetes** using **erythropoietin** are disclosed.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2004:145007 USPATFULL

TITLE: Treatment of disturbances of iron **distribution**

INVENTOR(S) :           Lehmann, Paul, Worms, GERMANY, FEDERAL REPUBLIC OF  
                  Roeddiger, Ralf, Gorkheimertal, GERMANY, FEDERAL  
                  REPUBLIC OF  
                  Walter-Matsui, Ruth, Altenbuseck, GERMANY, FEDERAL  
                  REPUBLIC OF

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2004110679	A1	20040610
APPLICATION INFO.:	US 2003-634477	A1	20030804 (10)

	NUMBER	DATE
PRIORITY INFORMATION:	EP 2002-19100	20020829
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	HOFFMANN-LA ROCHE INC., PATENT LAW DEPARTMENT, 340 KINGSLAND STREET, NUTLEY, NJ, 07110	
NUMBER OF CLAIMS:	15	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	1 Drawing Page(s)	
LINE COUNT:	784	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4   ANSWER 6 OF 9   USPATFULL on STN

TI    Plasmid mediated supplementation for treating chronically ill subjects  
AB    The present invention pertains to compositions and methods for  
      plasmid-mediated supplementation. The compositions and method are useful  
      for retarding the growth of the tumor, and retarding cachexia, wasting,  
      anemia and other effects that are commonly associated in cancer bearing  
      animals. Overall, the embodiments of the invention can be accomplished  
      by delivering an effective amount of a nucleic acid expression construct  
      that encodes a GHRH or functional biological equivalent thereof into a  
      tissue of an animal and allowing expression of the encoded gene in the  
      animal. For example, when such a nucleic acid sequence is delivered into  
      the specific cells of the animal tissue specific constitutive expression  
      is achieved. Furthermore, external regulation of the GHRH or functional  
      biological equivalent thereof gene can be accomplished by utilizing  
      inducible promoters that are regulated by molecular switch molecules,  
      which are given to the animal. The preferred method to deliver the  
      constitutive or inducible nucleic acid encoding sequences of GHRH or the  
      functional biological equivalents thereof is directly into the cells of  
      the animal by the process of in vivo electroporation. In addition, a  
      treatment for retarding the growth of the tumor, and retarding cachexia  
      or the wasting effects that are commonly associated with tumors is  
      achieved by the delivery of recombinant GHRH or biological equivalent  
      into the animal.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER:       2004:76164   USPATFULL  
TITLE:                   Plasmid mediated supplementation for treating  
                          chronically ill subjects  
INVENTOR(S) :           Draghia-Akli, Ruxandra, Houston, TX, UNITED STATES  
                          Carpenter, Robert H., Bastrop, TX, UNITED STATES  
                          Kern, Douglas R., The Woodlands, TX, UNITED STATES  
                          Schwartz, Robert J., Houston, TX, UNITED STATES  
                          King, Glen, Rosharon, TX, UNITED STATES  
                          Hahn, Kevin, Missouri City, TX, UNITED STATES  
                          Brenner, Malcolm K., Bellaire, TX, UNITED STATES  
PATENT ASSIGNEE(S) :    ADViSYS, Inc., The Woodlands, TX, 77381 (U.S.  
                          corporation)  
                          Baylor College of Medicine, Houston, TX, 77030 (U.S.  
                          corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2004057941	A1	20040325
APPLICATION INFO.:	US 2002-315907	A1	20021210 (10)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2001-339610P	20011211 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	JACKSON WALKER LLP, 2435 NORTH CENTRAL EXPRESSWAY, SUITE 600, RICHARDSON, TX, 75080	
NUMBER OF CLAIMS:	386	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	20 Drawing Page(s)	
LINE COUNT:	5986	
CAS INDEXING IS AVAILABLE FOR THIS PATENT.		

L4 ANSWER 7 OF 9 USPATFULL on STN

TI Vascularized organized tissues and uses thereof

AB The invention relates to organized tissues that are implanted into an organism wherein they become vascularized. The invention also relates to methods of using an organized tissue that is vascularized following implantation into an organism, for delivery of a bioactive compound. The invention also relates to methods of producing an organized tissue that is vascularized following implantation into an organism.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2003:334686 USPATFULL

TITLE: Vascularized organized tissues and uses thereof

INVENTOR(S): Vandenburg, Herman H., Providence, RI, UNITED STATES  
Valentini, Robert F., Cranston, RI, UNITED STATES  
Wang, Xiao, Providence, RI, UNITED STATES  
Shansky, Janet, Barrington, RI, UNITED STATES  
Ferland, Paulette, Tiverton, RI, UNITED STATES  
DelTatto, Michael, Bristol, RI, UNITED STATES

PATENT ASSIGNEE(S): Cell Based Delivery Inc. (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003235561	A1	20031225
APPLICATION INFO.:	US 2002-281765	A1	20021028 (10)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2002-391330P	20020625 (60)
	US 2002-399605P	20020730 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	PALMER & DODGE, LLP, KATHLEEN M. WILLIAMS, 111 HUNTINGTON AVENUE, BOSTON, MA, 02199	
NUMBER OF CLAIMS:	85	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	9 Drawing Page(s)	
LINE COUNT:	5322	
CAS INDEXING IS AVAILABLE FOR THIS PATENT.		

L4 ANSWER 8 OF 9 USPATFULL on STN

TI Albumin fusion proteins

AB The present invention encompasses albumin fusion proteins. Nucleic acid molecules encoding the albumin fusion proteins of the invention are also encompassed by the invention, as are vectors containing these nucleic

acids, host cells transformed with these nucleic acids vectors, and methods of making the albumin fusion proteins of the invention and using these nucleic acids, vectors, and/or host cells. Additionally the present invention encompasses pharmaceutical compositions comprising albumin fusion proteins and methods of treating, preventing, or ameliorating diseases, disorders or conditions using albumin fusion proteins of the invention.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2003:282700 USPATFULL  
TITLE: Albumin fusion proteins  
INVENTOR(S): Ballance, David J., Berwyn, PA, UNITED STATES  
Sleep, Darrell, West Bridgford, UNITED KINGDOM  
Prior, Christopher P., Rosemont, PA, UNITED STATES  
Sadeghi, Homayoun, Doylestown, PA, UNITED STATES  
Turner, Andrew J., Eagleville, PA, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003199043	A1	20031023
APPLICATION INFO.:	US 2001-832501	A1	20010412 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2000-256931P	20001221 (60)
	US 2000-199384P	20000425 (60)
	US 2000-229358P	20000412 (60)

DOCUMENT TYPE: Utility  
FILE SEGMENT: APPLICATION  
LEGAL REPRESENTATIVE: HUMAN GENOME SCIENCES INC, 9410 KEY WEST AVENUE,  
ROCKVILLE, MD, 20850  
NUMBER OF CLAIMS: 60  
EXEMPLARY CLAIM: 1  
NUMBER OF DRAWINGS: 18 Drawing Page(s)  
LINE COUNT: 14339  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 9 OF 9 WPIDS COPYRIGHT 2005 THE THOMSON CORP on STN  
TI Use of **erythropoietin** protein in manufacture of medicament for  
treating disturbances of iron **distribution** in **diabetes**

AN 2004-282643 [26] WPIDS  
AB WO2004019972 A UPAB: 20040421

NOVELTY - Use of **erythropoietin** protein (I) in the manufacture  
of a medicament for the treatment of disturbances of iron  
**distribution** in **diabetes**, is new.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is included for a  
medicament (II) for the treatment of disturbances of iron  
**distribution** in **diabetes**.

ACTIVITY - Antidiabetic.

MECHANISM OF ACTION - Suppresses the disturbances of iron  
**distribution**.

No biological data is given.

USE - (I) is useful for manufacturing medicament for the treatment of  
disturbances of iron **distribution** in **diabetes** such as  
non-insulin dependant **diabetes** mellitus. (II) is useful for  
treating disturbances of iron **distribution** in **diabetes**

. (All claimed.)

Dwg.0/2

ACCESSION NUMBER: 2004-282643 [26] WPIDS  
DOC. NO. CPI: C2004-108514  
TITLE: Use of **erythropoietin** protein in manufacture of  
medicament for treating disturbances of iron



**distribution in diabetes.**

DERWENT CLASS: A96 B04  
 INVENTOR(S): LEHMANN, P; ROEDDIGER, R; WALTER-MATSUI, R  
 PATENT ASSIGNEE(S): (LEHM-I) LEHMANN P; (ROED-I) ROEDDIGER R; (WALT-I) WALTER-MATSUI R; (HOFF) HOFFMANN LA ROCHE & CO AG F  
 COUNTRY COUNT: 106  
 PATENT INFORMATION:

PATENT NO	KIND	DATE	WEEK	LA	PG
WO 2004019972	A1	20040311	(200426)*	EN	31
RW: AT BE BG CH CY CZ DE DK EA EE ES FI FR GB GH GM GR HU IE IT KE LS					
LU MC MW MZ NL OA PT RO SD SE SI SK SL SZ TR TZ UG ZM ZW					
W: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK					
DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR					
KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH					
PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN					
YU ZA ZM ZW					
US 2004110679	A1	20040610	(200438)		
AU 2003251713	A1	20040319	(200462)		
EP 1536823	A1	20050608	(200537)	EN	
R: AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LT LU LV					
MC MK NL PT RO SE SI SK TR					
BR 2003013792	A	20050712	(200547)		

**APPLICATION DETAILS:**

PATENT NO	KIND	APPLICATION	DATE
WO 2004019972	A1	WO 2003-EP9194	20030820
US 2004110679	A1	US 2003-634477	20030804
AU 2003251713	A1	AU 2003-251713	20030820
EP 1536823	A1	EP 2003-790911	20030820
		WO 2003-EP9194	20030820
BR 2003013792	A	BR 2003-13792	20030820
		WO 2003-EP9194	20030820

**FILING DETAILS:**

PATENT NO	KIND	PATENT NO
AU 2003251713	A1 Based on	WO 2004019972
EP 1536823	A1 Based on	WO 2004019972
BR 2003013792	A Based on	WO 2004019972

PRIORITY APPLN. INFO: EP 2002-19100 20020829

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FILE 'MEDLINE, BIOSIS, USPATFULL, DGENE, EMBASE, WPIDS, FSTA, BIOTECHDS, SCISEARCH' ENTERED AT 14:56:27 ON 30 AUG 2005

L1 5350 S DIABETES AND (ERYTHROPOIETIN)  
 L2 1789 S L1 AND (IRON DEFICIENCY OR DISTRIBUTION)  
 L3 1662 S L2 AND (EPOETIN ALFA OR BETA)  
 L4 9 S L3 AND DARBEPOETIN

=> s 13 and pegylated  
 L5 505 L3 AND PEGYLATED

=> s 15 and glycosylation

L6 321 L5 AND GLYCOSYLATION

=> e lehmann/au

E1	1	LEHMANMCKEEMAN L/AU
E2	31	LEHMANMCKEEMAN L D/AU
E3	24 -->	LEHMANN/AU
E4	988	LEHMANN A/AU
E5	1	LEHMANN A A C/AU
E6	48	LEHMANN A B/AU
E7	9	LEHMANN A C/AU
E8	1	LEHMANN A D/AU
E9	1	LEHMANN A E H/AU
E10	3	LEHMANN A F/AU
E11	39	LEHMANN A G/AU
E12	46	LEHMANN A K/AU

=> e lehmann, p/au

E1	1	LEHMANN YVES/AU
E2	23	LEHMANN Z/AU
E3	0 -->	LEHMANN, P/AU
E4	1	LEHMANNB E/AU
E5	1	LEHMANNBAERTS M/AU
E6	1	LEHMANNBEI G/AU
E7	1	LEHMANNBODEM C/AU
E8	1	LEHMANNBRAUNS S/AU
E9	1	LEHMANNBROCKHAUS E/AU
E10	9	LEHMANNBRUINSMA K/AU
E11	4	LEHMANNBURGEL U/AU
E12	1	LEHMANNBURI T/AU

=> e roeddiger/au

E1	4	ROEDDER WEHRMANN O/AU
E2	1	ROEDDERF GERHARD/AU
E3	0 -->	ROEDDIGER/AU
E4	1	ROEDDIGER M/AU
E5	150	ROEDDIGER R/AU
E6	6	ROEDDIGER RALF/AU
E7	9	ROEDDIGER S/AU
E8	1	ROEDDIGER S J/AU
E9	8	ROEDDIGER SANDRA/AU
E10	1	ROEDDIGER SANDRA J/AU
E11	2	ROEDDING A S/AU
E12	1	ROEDDING DANIEL/AU

=> s e6

L7 6 "ROEDDIGER RALF"/AU

=> s e5

L8 150 "ROEDDIGER R"/AU

=> s l7 and l8

L9 0 L7 AND L8

=> d l7 ti abs ibib tot

L7 ANSWER 1 OF 6 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN  
 TI Multicenter evaluation of a fully mechanized soluble transferrin receptor  
 assay on the Hitachi and Cobas Integra analyzers. The determination of  
 reference ranges.

AB Soluble transferrin receptor (sTfR) is reported to be a reliable marker  
 for the diagnosis of iron deficiency, especially when iron metabolism is  
 influenced by inflammatory disorders such as infection, chronic  
 inflammation and cancer-related anemia. In the present multicenter study

the analytical performance of a recently introduced, latex-enhanced immunoturbidimetric assay for the determination of soluble transferrin receptor (Tina quant(R)(a) sTfR, Roche Diagnostics) on different fully mechanized analyzers such as Hitachi 917 and 911, and Cobas Integra 400 and 700 was evaluated. Within-run and between-run imprecision showed good results (CV<5% and <7%, respectively). The assay was found to be linear over a wide measuring range (0.4-35 mg/l). Endogenous substances did not interfere with the test results. Comparison of serum sTfR concentrations with those of heparinized plasma revealed good correlation ( $r>0.976$ ). Method comparison with an existing fully mechanized method as well as with ELISA tests for sTfR showed very good correlation ( $r>0.987$ ). Because of the lack of international standardization the results differed from each other up to 2.5-fold. The 95% of serum levels in healthy individuals ranged from 1.9 to 4.4 mg/l (n=427). However, the reference ranges should be reported in a sex-dependent manner, as 2.2-5.0 mg/l for men (n=211) and as 1.9-4.4 mg/l for premenopausal (n=216) and postmenopausal (n=45) women. The Tina quant(R)(a) sTfR assay enables the precise, accurate, rapid and convenient determination of sTfR concentrations for routine clinical chemistry purposes.

ACCESSION NUMBER: 2002:500000 BIOSIS  
DOCUMENT NUMBER: PREV200200500000  
TITLE: Multicenter evaluation of a fully mechanized soluble transferrin receptor assay on the Hitachi and Cobas Integra analyzers. The determination of reference ranges.  
AUTHOR(S): Kolbe-Busch, Susanne [Reprint author]; Lotz, Johannes; Hafner, Gerd; Blanckaert, Norbert J. C.; Claeys, Georg; Togni, Giovanni; Carlsen, Juergen; **Roeddiger, Ralf**; Thomas, Lothar  
CORPORATE SOURCE: Institut fuer Haemostaseologie und Transfusionsmedizin, Universitaetsklinikum Duesseldorf, Moorenstr. 5, 40225, Duesseldorf, Germany  
susanne.kolbe-busch@uni-duesseldorf.de  
SOURCE: Clinical Chemistry and Laboratory Medicine, (May, 2002)  
Vol. 40, No. 5, pp. 529-536. print.  
ISSN: 1434-6621.  
DOCUMENT TYPE: Article  
LANGUAGE: English  
ENTRY DATE: Entered STN: 25 Sep 2002  
Last Updated on STN: 25 Sep 2002

L7 ANSWER 2 OF 6 USPATFULL on STN  
TI Method of treating disturbances of iron distribution in inflammatory intestinal diseases  
AB The present invention relates to the use of erythropoietin for the treatment of disturbances of iron distribution in chronic inflammatory intestinal diseases.

ACCESSION NUMBER: 2005:209503 USPATFULL  
TITLE: Method of treating disturbances of iron distribution in inflammatory intestinal diseases  
INVENTOR(S): Klima, Horst, Penzberg, GERMANY, FEDERAL REPUBLIC OF  
Lehmann, Paul, Worms, GERMANY, FEDERAL REPUBLIC OF  
**Roeddiger, Ralf**, Gorkheimertal, GERMANY,  
FEDERAL REPUBLIC OF  
Walter-Matsui, Ruth, Altenbuseck, GERMANY, FEDERAL  
REPUBLIC OF

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2005181986	A1	20050818
APPLICATION INFO.:	US 2004-13560	A1	20041216 (11)

NUMBER	DATE
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 PRIORITY INFORMATION: EP 2003-104832 20031219  
 DOCUMENT TYPE: Utility  
 FILE SEGMENT: APPLICATION  
 LEGAL REPRESENTATIVE: HOFFMANN-LA ROCHE INC., PATENT LAW DEPARTMENT, 340  
 KINGSLAND STREET, NUTLEY, NJ, 07110, US  
 NUMBER OF CLAIMS: 15  
 EXEMPLARY CLAIM: 1  
 NUMBER OF DRAWINGS: 1 Drawing Page(s)  
 LINE COUNT: 820

L7 ANSWER 3 OF 6 USPATFULL on STN

TI Differential diagnosis with hepcidin

AB The present invention concerns the use of hepcidin as a marker for  
 detecting inflammatory chronic diseases and especially for a  
 differential diagnosis to detect inflammatory chronic diseases and/or  
 non-inflammatory chronic diseases. The present invention also concerns a  
 method for detecting inflammatory chronic diseases, non-inflammatory  
 chronic diseases and/or acute phase reactions comprising the  
 determination of hepcidin.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2005:171278 USPATFULL

TITLE: Differential diagnosis with hepcidin

INVENTOR(S): Lehmann, Paul, Worms, GERMANY, FEDERAL REPUBLIC OF  
**Roeddiger, Ralf**, Goxheimertal, GERMANY,  
 FEDERAL REPUBLIC OF

PATENT ASSIGNEE(S): Roche Diagnostics Operations, Inc. (non-U.S.  
 corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2005148025	A1	20050707
APPLICATION INFO.:	US 2004-972101	A1	20041022 (10)

	NUMBER	DATE
PRIORITY INFORMATION:	DE 2003-DE10349124	20031022
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	MCDONNELL BOEHNEN HULBERT & BERGHOFF LLP, 300 SOUTH WACKER DRIVE, SUITE 3200, CHICAGO, IL, 60606, US	
NUMBER OF CLAIMS:	15	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	3 Drawing Page(s)	
LINE COUNT:	536	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 4 OF 6 USPATFULL on STN

TI Soluble transferrin receptor

AB The invention concerns a method for detecting coronary syndromes, in  
 particular, coronary artery disease (CAD), using risk markers.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2005:158247 USPATFULL

TITLE: Soluble transferrin receptor

INVENTOR(S): Lehmann, Paul, Worms, GERMANY, FEDERAL REPUBLIC OF  
**Roeddiger, Ralf**, Goxheimertal, GERMANY,  
 FEDERAL REPUBLIC OF

PATENT ASSIGNEE(S): Roche Diagnostics Operations, Inc. (non-U.S.  
 corporation)

NUMBER	KIND	DATE
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PATENT INFORMATION: US 2005136455 A1 20050623  
APPLICATION INFO.: US 2004-971870 A1 20041022 (10)

	NUMBER	DATE
PRIORITY INFORMATION:	EP 2003-23980	20031022
	EP 2004-10822	20040506
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	MCDONNELL BOEHNEN HULBERT & BERGHOFF LLP, 300 SOUTH WACKER DRIVE, SUITE 3200, CHICAGO, IL, 60606, US	
NUMBER OF CLAIMS:	6	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	9 Drawing Page(s)	
LINE COUNT:	2061	
CAS INDEXING IS AVAILABLE FOR THIS PATENT.		

L7 ANSWER 5 OF 6 USPATFULL on STN  
TI Treatment of disturbances of iron distribution  
AB The present invention relates to the use of erythropoietin for the treatment of disturbances of iron distribution in heart diseases.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.  
ACCESSION NUMBER: 2004:268259 USPATFULL  
TITLE: Treatment of disturbances of iron distribution  
INVENTOR(S): Lehmann, Paul, Worms, DE, UNITED STATES  
Roeddiger, Ralf, Gorkheimertal, DE, UNITED STATES  
Walter-Matsui, Ruth, Altenbuseck, DE, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2004209802	A1	20041021
APPLICATION INFO.:	US 2003-706701	A1	20031112 (10)

	NUMBER	DATE
PRIORITY INFORMATION:	EP 2002-26342	20021122
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	HOFFMANN-LA ROCHE INC., PATENT LAW DEPARTMENT, 340 KINGSLAND STREET, NUTLEY, NJ, 07110	
NUMBER OF CLAIMS:	14	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	1 Drawing Page(s)	
LINE COUNT:	782	
CAS INDEXING IS AVAILABLE FOR THIS PATENT.		

L7 ANSWER 6 OF 6 USPATFULL on STN  
TI Treatment of disturbances of iron distribution  
AB A method of, and pharmaceutical composition for, treating disturbances of iron distribution in diabetes using erythropoietin are disclosed.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.  
ACCESSION NUMBER: 2004:145007 USPATFULL  
TITLE: Treatment of disturbances of iron distribution  
INVENTOR(S): Lehmann, Paul, Worms, GERMANY, FEDERAL REPUBLIC OF  
Roeddiger, Ralf, Gorkheimertal, GERMANY, FEDERAL REPUBLIC OF  
Walter-Matsui, Ruth, Altenbuseck, GERMANY, FEDERAL REPUBLIC OF

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2004110679	A1	20040610
APPLICATION INFO.:	US 2003-634477	A1	20030804 (10)

	NUMBER	DATE
PRIORITY INFORMATION:	EP 2002-19100	20020829
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	HOFFMANN-LA ROCHE INC., PATENT LAW DEPARTMENT, 340 KINGSLAND STREET, NUTLEY, NJ, 07110	
NUMBER OF CLAIMS:	15	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	1 Drawing Page(s)	
LINE COUNT:	784	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> d his

(FILE 'HOME' ENTERED AT 14:52:57 ON 30 AUG 2005)

FILE 'MEDLINE, BIOSIS, USPATFULL, DGENE, EMBASE, WPIDS, FSTA, BIOTECHDS, SCISEARCH' ENTERED AT 14:56:27 ON 30 AUG 2005

L1 5350 S DIABETES AND (ERYTHROPOIETIN)  
L2 1789 S L1 AND (IRON DEFICIENCY OR DISTRIBUTION)  
L3 1662 S L2 AND (EPOETIN ALFA OR BETA)  
L4 9 S L3 AND DARBEPOETIN  
L5 505 S L3 AND PEGYLATED  
L6 321 S L5 AND GLYCOSYLATION  
E LEHMANN/AU  
E LEHMANN, P/AU  
E ROEDDIGER/AU  
L7 6 S E6  
L8 150 S E5  
L9 0 S L7 AND L8

=> s 18 and 16

L10 1 L8 AND L6

=> d l10 ti abs ibib tot

L10 ANSWER 1 OF 1 WPIDS COPYRIGHT 2005 THE THOMSON CORP on STN  
TI Use of **erythropoietin** protein in manufacture of medicament for treating disturbances of iron **distribution in diabetes**

AN 2004-282643 [26] WPIDS

AB WO2004019972 A UPAB: 20040421

NOVELTY - Use of **erythropoietin** protein (I) in the manufacture of a medicament for the treatment of disturbances of iron **distribution in diabetes**, is new.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is included for a medicament (II) for the treatment of disturbances of iron **distribution in diabetes**.

ACTIVITY - Antidiabetic.

MECHANISM OF ACTION - Suppresses the disturbances of iron **distribution**.

No biological data is given.

USE - (I) is useful for manufacturing medicament for the treatment of disturbances of iron **distribution in diabetes** such as non-insulin dependant **diabetes mellitus**. (II) is useful for treating disturbances of iron **distribution in diabetes**

. (All claimed.)

Dwg.0/2

ACCESSION NUMBER: 2004-282643 [26] WPIDS  
DOC. NO. CPI: C2004-108514  
TITLE: Use of **erythropoietin** protein in manufacture of  
medicament for treating disturbances of iron  
**distribution in diabetes.**  
DERWENT CLASS: A96 B04  
INVENTOR(S): LEHMANN, P; ROEDDIGER, R; WALTER-MATSUI, R  
PATENT ASSIGNEE(S): (LEHM-I) LEHMANN P; (ROED-I) ROEDDIGER R; (WALT-I)  
WALTER-MATSUI R; (HOFF) HOFFMANN LA ROCHE & CO AG F  
COUNTRY COUNT: 106  
PATENT INFORMATION:

PATENT NO	KIND	DATE	WEEK	LA	PG
WO 2004019972	A1	20040311	(200426)*	EN	31
RW: AT BE BG CH CY CZ DE DK EA EE ES FI FR GB GH GM GR HU IE IT KE LS LU MC MW MZ NL OA PT RO SD SE SI SK SL SZ TR TZ UG ZM ZW					
W: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW					
US 2004110679	A1	20040610	(200438)		
AU 2003251713	A1	20040319	(200462)		
EP 1536823	A1	20050608	(200537)	EN	
R: AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LT LU LV MC MK NL PT RO SE SI SK TR					
BR 2003013792	A	20050712	(200547)		

APPLICATION DETAILS:

PATENT NO	KIND	APPLICATION	DATE
WO 2004019972	A1	WO 2003-EP9194	20030820
US 2004110679	A1	US 2003-634477	20030804
AU 2003251713	A1	AU 2003-251713	20030820
EP 1536823	A1	EP 2003-790911	20030820
		WO 2003-EP9194	20030820
BR 2003013792	A	BR 2003-13792	20030820
		WO 2003-EP9194	20030820

FILING DETAILS:

PATENT NO	KIND	PATENT NO
AU 2003251713	A1 Based on	WO 2004019972
EP 1536823	A1 Based on	WO 2004019972
BR 2003013792	A Based on	WO 2004019972

PRIORITY APPLN. INFO: EP 2002-19100 20020829

=> d his

(FILE 'HOME' ENTERED AT 14:52:57 ON 30 AUG 2005)

FILE 'MEDLINE, BIOSIS, USPATFULL, DGENE, EMBASE, WPIDS, FSTA, BIOTECHDS,  
SCISEARCH' ENTERED AT 14:56:27 ON 30 AUG 2005

L1 5350 S DIABETES AND (ERYTHROPOIETIN)  
L2 1789 S L1 AND (IRON DEFICIENCY OR DISTRIBUTION)  
L3 1662 S L2 AND (EPOETIN ALFA OR BETA)

L4 9 S L3 AND DARBEPOETIN  
 L5 505 S L3 AND PEGYLATED  
 L6 321 S L5 AND GLYCOSYLATION  
 E LEHMANN/AU  
 E LEHMANN, P/AU  
 E ROEDDIGER/AU  
 L7 6 S E6  
 L8 150 S E5  
 L9 0 S L7 AND L8  
 L10 1 S L8 AND L6

=> s l6 and treatment

L11 321 L6 AND TREATMENT

=> s l11 and (iron disturbance)

L12 1 L11 AND (IRON DISTURBANCE)

=> d l12 ti abs ibib tot

L12 ANSWER 1 OF 1 USPATFULL on STN

TI **Treatment** of disturbances of iron **distribution**

AB A method of, and pharmaceutical composition for, treating disturbances of iron **distribution** in **diabetes** using **erythropoietin** are disclosed.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2004:145007 USPATFULL

TITLE: **Treatment** of disturbances of iron **distribution**

INVENTOR(S): Lehmann, Paul, Worms, GERMANY, FEDERAL REPUBLIC OF  
 Roeddiger, Ralf, Gorkheimertal, GERMANY, FEDERAL  
 REPUBLIC OF  
 Walter-Matsui, Ruth, Altenbuseck, GERMANY, FEDERAL  
 REPUBLIC OF

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2004110679	A1	20040610
APPLICATION INFO.:	US 2003-634477	A1	20030804 (10)

	NUMBER	DATE
PRIORITY INFORMATION:	EP 2002-19100	20020829
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	HOFFMANN-LA ROCHE INC., PATENT LAW DEPARTMENT, 340 KINGSLAND STREET, NUTLEY, NJ, 07110	
NUMBER OF CLAIMS:	15	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	1 Drawing Page(s)	
LINE COUNT:	784	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> d his

(FILE 'HOME' ENTERED AT 14:52:57 ON 30 AUG 2005)

FILE 'MEDLINE, BIOSIS, USPATFULL, DGENE, EMBASE, WPIDS, FSTA, BIOTECHDS, SCISEARCH' ENTERED AT 14:56:27 ON 30 AUG 2005

L1 5350 S DIABETES AND (ERYTHROPOIETIN)  
 L2 1789 S L1 AND (IRON DEFICIENCY OR DISTRIBUTION)  
 L3 1662 S L2 AND (EPOETIN ALFA OR BETA)



L4 9 S L3 AND DARBEPOETIN  
 L5 505 S L3 AND PEGYLATED  
 L6 321 S L5 AND GLYCOSYLATION  
 E LEHMANN/AU  
 E LEHMANN, P/AU  
 E ROEDDIGER/AU  
 L7 6 S E6  
 L8 150 S E5  
 L9 0 S L7 AND L8  
 L10 1 S L8 AND L6  
 L11 321 S L6 AND TREATMENT  
 L12 1 S L11 AND (IRON DISTURBANCE)

=> s l11 and anemia

L13 268 L11 AND ANEMIA

=> d l13 ti abs ibib 1-10

L13 ANSWER 1 OF 268 USPATFULL on STN

TI Albumin fusion proteins

AB The present invention encompasses albumin fusion proteins. Nucleic acid molecules encoding the albumin fusion proteins of the invention are also encompassed by the invention, as are vectors containing these nucleic acids, host cells transformed with these nucleic acids vectors, and methods of making the albumin fusion proteins of the invention and using these nucleic acids, vectors, and/or host cells. Additionally the present invention encompasses pharmaceutical compositions comprising albumin fusion proteins and methods of treating, preventing, or ameliorating diseases, disorders or conditions using albumin fusion proteins of the invention.

ACCESSION NUMBER: 2005:214989 USPATFULL

TITLE: Albumin fusion proteins

INVENTOR(S): Rosen, Craig A., Laytonsville, MD, UNITED STATES  
 Haseltine, William A., Washington, DC, UNITED STATES  
 Ballance, David J., Berwyn, PA, UNITED STATES  
 Turner, Andrew J., Eagleville, PA, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2005186664	A1	20050825
APPLICATION INFO.:	US 2004-775204	A1	20040211 (10)
RELATED APPLN. INFO.:	Continuation of Ser. No. WO 2002-US40891, filed on 23 Dec 2002, PENDING		

	NUMBER	DATE
PRIORITY INFORMATION:	US 2001-341811P	20011221 (60)
	US 2002-350358P	20020124 (60)
	US 2002-351360P	20020128 (60)
	US 2002-359370P	20020226 (60)
	US 2002-360000P	20020228 (60)
	US 2002-367500P	20020327 (60)
	US 2002-370227P	20020408 (60)
	US 2002-378950P	20020510 (60)
	US 2002-382617P	20020524 (60)
	US 2002-383123P	20020528 (60)
	US 2002-385708P	20020605 (60)
	US 2002-394625P	20020710 (60)
	US 2002-398008P	20020724 (60)
	US 2002-402131P	20020809 (60)
	US 2002-402708P	20020813 (60)
	US 2002-411355P	20020918 (60)

US 2002-411426P 20020918 (60)  
 US 2002-414984P 20021002 (60)  
 US 2002-417611P 20021011 (60)  
 US 2002-420246P 20021023 (60)  
 US 2002-423623P 20021105 (60)

DOCUMENT TYPE: Utility  
 FILE SEGMENT: APPLICATION  
 LEGAL REPRESENTATIVE: HUMAN GENOME SCIENCES INC, INTELLECTUAL PROPERTY DEPT.,  
 14200 SHADY GROVE ROAD, ROCKVILLE, MD, 20850, US  
 NUMBER OF CLAIMS: 21  
 EXEMPLARY CLAIM: 1  
 NUMBER OF DRAWINGS: 23 Drawing Page(s)  
 LINE COUNT: 25129

L13 ANSWER 2 OF 268 USPATFULL on STN

TI Neutrokin- $\alpha$  and neutrokin- $\alpha$  splice variant  
 AB The present invention relates to nucleic acid molecules encoding Neutrokin- $\alpha$  and/or Neutrokin- $\alpha$ SV polypeptides, including soluble forms of the extracellular domain. Neutrokin- $\alpha$  and/or Neutrokin- $\alpha$ SV polypeptides are also provided as are vectors, host cells and recombinant methods for producing the same. The invention further relates to antibodies or portions thereof that specifically bind Neutrokin- $\alpha$  and/or Neutrokin- $\alpha$ SV and diagnostic and therapeutic methods using these antibodies. Also provided are diagnostic methods for detecting immune system-related disorders and therapeutic methods for treating immune system-related disorders using the compositions of the invention.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2005:214962 USPATFULL  
 TITLE: Neutrokin- $\alpha$  and neutrokin- $\alpha$  splice variant  
 INVENTOR(S): Yu, Guo-Liang, Berkeley, CA, UNITED STATES  
 Ebner, Reinhard, Gaithersburg, MD, UNITED STATES  
 Ni, Jian, Germantown, MD, UNITED STATES  
 Rosen, Craig A., Laytonsville, MD, UNITED STATES  
 Ullrich, Stephen, Rockville, MD, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2005186637	A1	20050825
APPLICATION INFO.:	US 2005-54539	A1	20050210 (11)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 2002-270487, filed on 16 Oct 2002, PENDING Continuation-in-part of Ser. No. US 2001-929493, filed on 15 Aug 2001, ABANDONED		
	Continuation-in-part of Ser. No. US 2000-588947, filed on 8 Jun 2000, GRANTED, Pat. No. US 6562579		
	Continuation-in-part of Ser. No. US 2000-589285, filed on 8 Jun 2000, GRANTED, Pat. No. US 6881401		
	Continuation-in-part of Ser. No. US 2000-589286, filed on 8 Jun 2000, GRANTED, Pat. No. US 6635482		
	Continuation-in-part of Ser. No. US 2000-589287, filed on 8 Jun 2000, GRANTED, Pat. No. US 6403770		
	Continuation-in-part of Ser. No. US 2000-589288, filed on 8 Jun 2000, PENDING Continuation-in-part of Ser. No. US 2000-507968, filed on 22 Feb 2000, GRANTED, Pat. No. US 6812327		
	Continuation-in-part of Ser. No. US 2000-589285, filed on 8 Jun 2000, GRANTED, Pat. No. US 6881401		
	Continuation of Ser. No. US 2000-507968, filed on 22 Feb 2000, GRANTED, Pat. No. US 6812327		
	Continuation-in-part of Ser. No. US 2000-589288, filed on 8 Jun 2000, PENDING Continuation of Ser. No. US 2000-507968, filed on 22 Feb 2000, GRANTED, Pat. No. US 6812327		

	NUMBER	DATE
PRIORITY INFORMATION:	US 2004-543261P	20040211 (60)
	US 2004-580387P	20040618 (60)
	US 2004-617191P	20041012 (60)
	US 2002-368548P	20020401 (60)
	US 2001-336726P	20011207 (60)
	US 2001-331478P	20011116 (60)
	US 2001-330835P	20011031 (60)
	US 2001-329747P	20011018 (60)
	US 2001-329508P	20011017 (60)
	US 2000-225628P	20000815 (60)
	US 2000-227008P	20000823 (60)
	US 2000-234338P	20000922 (60)
	US 2000-240806P	20001017 (60)
	US 2000-250020P	20001130 (60)
	US 2001-276248P	20010316 (60)
	US 2001-293499P	20010525 (60)
	US 2001-296122P	20010607 (60)
	US 2001-304809P	20010713 (60)
	US 1999-122388P	19990302 (60)
	US 1999-124097P	19990312 (60)
	US 1999-126599P	19990326 (60)
	US 1999-127598P	19990402 (60)
	US 1999-130412P	19990416 (60)
	US 1999-130696P	19990423 (60)
	US 1999-131278P	19990427 (60)
	US 1999-131673P	19990429 (60)
	US 1999-136784P	19990528 (60)
	US 1999-142659P	19990706 (60)
	US 1999-122388P	19990302 (60)
	US 1999-124097P	19990312 (60)
	US 1999-126599P	19990326 (60)
	US 1999-127598P	19990402 (60)
	US 1999-130412P	19990416 (60)
	US 1999-130696P	19990423 (60)
	US 1999-131278P	19990427 (60)
	US 1999-131673P	19990429 (60)
	US 1999-136784P	19990528 (60)
	US 1999-142659P	19990706 (60)
	US 1999-122388P	19990302 (60)
	US 1999-124097P	19990312 (60)
	US 1999-126599P	19990326 (60)
	US 1999-127598P	19990402 (60)
	US 1999-130412P	19990416 (60)
	US 1999-130696P	19990423 (60)
	US 1999-131278P	19990427 (60)
	US 1999-131673P	19990429 (60)
	US 1999-136784P	19990528 (60)
	US 1999-142659P	19990706 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	HUMAN GENOME SCIENCES INC, INTELLECTUAL PROPERTY DEPT.,	
	14200 SHADY GROVE ROAD, ROCKVILLE, MD, 20850, US	
NUMBER OF CLAIMS:	20	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	27 Drawing Page(s)	
LINE COUNT:	19947	
CAS INDEXING IS AVAILABLE FOR THIS PATENT.		

L13 ANSWER 3 OF 268 USPATFULL on STN  
TI 70 human secreted proteins

AB The present invention relates to novel human secreted proteins and isolated nucleic acids containing the coding regions of the genes encoding such proteins. Also provided are vectors, host cells, antibodies, and recombinant methods for producing human secreted proteins. The invention further relates to diagnostic and therapeutic methods useful for diagnosing and treating diseases, disorders, and/or conditions related to these novel human secreted proteins.

ACCESSION NUMBER: 2005:208892 USPATFULL  
TITLE: 70 human secreted proteins  
INVENTOR(S): Rosen, Craig A., Laytonsville, MD, UNITED STATES  
Komatsoulis, George A., Silver Spring, MD, UNITED STATES  
Baker, Kevin P., Darnestown, MD, UNITED STATES  
Fiscella, Michele, Bethesda, MD, UNITED STATES  
Moore, Paul A., Germantown, MD, UNITED STATES  
Wei, Ping, Brookeville, MD, UNITED STATES  
Duan, D. Roxanne, Gaithersburg, MD, UNITED STATES  
Shi, Yanggu, Gaithersburg, MD, UNITED STATES  
Gupta, Ram, Gaithersburg, MD, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2005181371	A1	20050818
APPLICATION INFO.:	US 2003-644765	A1	20030821 (10)
RELATED APPLN. INFO.:	Continuation of Ser. No. WO 2002-US5301, filed on 21 Feb 2002, PENDING		

	NUMBER	DATE
PRIORITY INFORMATION:	US 2001-270625P	20010223 (60)
	US 2001-304417P	20010712 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	HUMAN GENOME SCIENCES INC, INTELLECTUAL PROPERTY DEPT., 14200 SHADY GROVE ROAD, ROCKVILLE, MD, 20850, US	
NUMBER OF CLAIMS:	23	
EXEMPLARY CLAIM:	1	
LINE COUNT:	36966	

L13 ANSWER 4 OF 268 USPATFULL on STN

TI Method for delivering interferons to the intradermal compartment  
AB The present invention relates to methods and devices for intradermal delivery of substances, preferably therapeutic substances by targeting the substance to the intradermal compartment of a subject's skin. Substances delivered in accordance with the methods of the invention have an improved clinical utility and therapeutic efficacy relative to other drug delivery methods including intramuscular, and subcutaneous delivery. The present invention provides benefits and improvements over conventional drug delivery methods including but not limited to, improved pharmacokinetics and bioavailability.

ACCESSION NUMBER: 2005:208555 USPATFULL  
TITLE: Method for delivering interferons to the intradermal compartment  
INVENTOR(S): Dekker, John P. III, Cary, NC, UNITED STATES  
Mikszta, John A., Durham, NC, UNITED STATES  
Pettis, Ronald J., Cary, NC, UNITED STATES  
Alchas, Paul G., Franklin Lakes, NJ, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2005181033	A1	20050818

APPLICATION INFO.: US 2005-75276 A1 20050308 (11)  
 RELATED APPLN. INFO.: Continuation-in-part of Ser. No. US 2004-803746, filed  
 on 17 Mar 2004, PENDING Continuation-in-part of Ser.  
 No. US 2001-893746, filed on 29 Jun 2001, PENDING  
 Continuation-in-part of Ser. No. US 2000-606909, filed  
 on 29 Jun 2000, PENDING

	NUMBER	DATE
PRIORITY INFORMATION:	US 2004-551293P	20040308 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	JONES DAY, 222 EAST 41ST ST, NEW YORK, NY, 10017, US	
NUMBER OF CLAIMS:	12	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	25 Drawing Page(s)	
LINE COUNT:	4492	

L13 ANSWER 5 OF 268 USPATFULL on STN

TI Secreted proteins  
 AB The invention provides human secreted proteins (SECP) and  
 polynucleotides which identify and encode SECP. The invention also  
 provides expression vectors, host cells, antibodies, agonists, and  
 antagonists. The invention also provides methods for diagnosing,  
 treating, or preventing disorders associated with aberrant expression of  
 SECP.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2005:203501 USPATFULL  
 TITLE: Secreted proteins  
 INVENTOR(S): Griffin, Jennifer A, Fremont, CA, UNITED STATES  
 Yao, Monique G, Carmel, IN, UNITED STATES  
 Duggan, Brendan M, Sunnyvale, CA, UNITED STATES  
 Yue, Henry, Sunnyvale, CA, UNITED STATES  
 Ding, Li, Creve Coeur, MO, UNITED STATES  
 Lal, Preeti G, Santa Clara, CA, UNITED STATES  
 Lee, Ernestine A, Castro Valley, CA, UNITED STATES  
 Ramkumar, Jayalaxmi, Fremont, CA, UNITED STATES  
 Thangavelu, Kavitha, Sunnyvale, CA, UNITED STATES  
 Xu, Yuming, Mountain View, CA, UNITED STATES  
 Lee, Sally, San Jose, CA, UNITED STATES  
 Tang, Y. Tom, San Jose, CA, UNITED STATES  
 Nguyen, Danniel B, San Jose, CA, UNITED STATES  
 Warren, Bridget A, Encinitas, CA, UNITED STATES  
 Honchell, Cynthia D, San Carlos, CA, UNITED STATES  
 Gietzen, Kimberly J, San Jose, CA, UNITED STATES  
 Baughn, Mariah R, San Leandro, CA, UNITED STATES  
 Gandhi, Ameena R, San Francisco, CA, UNITED STATES  
 Arvizu, Chandra S, San Jose, CA, UNITED STATES  
 Chawla, Narinder K, Union City, CA, UNITED STATES  
 Lu, Yan, Mountain View, CA, UNITED STATES  
 Elliott, Vicki S, San Jose, CA, UNITED STATES  
 Lu, Dyung Aina M, San Jose, CA, UNITED STATES  
 J A Hafalia, April, Daly City, CA, UNITED STATES  
 Azimzai, Yalda, Oakland, CA, UNITED STATES  
 Khan, Farrah A, Des Plaines, IL, UNITED STATES  
 Tran, Uyen K, San Jose, CA, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2005176927	A1	20050811
APPLICATION INFO.:	US 2003-450186	A1	20011212 (10)
	WO 2001-US48517		20011212

	NUMBER	DATE
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PRIORITY INFORMATION:	US 2003-255639P	20001213 (60)
	US 2003-257852P	20001221 (60)
	US 2003-260105P	20010105 (60)
	US 2003-262932P	20010118 (60)
	US 2003-263096P	20010118 (60)
	US 2003-263090P	20010119 (60)
	US 2003-265926P	20010202 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	FOLEY AND LARDNER, SUITE 500, 3000 K STREET NW, WASHINGTON, DC, 20007, US	
NUMBER OF CLAIMS:	163	
EXEMPLARY CLAIM:	1	
LINE COUNT:	11640	
CAS INDEXING IS AVAILABLE FOR THIS PATENT.		

L13 ANSWER 6 OF 268 USPATFULL on STN

TI Human secreted proteins

AB The present invention relates to human secreted polypeptides, and isolated nucleic acid molecules encoding said polypeptides, useful for diagnosing and treating **diabetes** mellitus and/or conditions related to **diabetes**. Antibodies that bind these polypeptides are also encompassed by the present invention. Also encompassed by the invention are vectors, host cells, and recombinant and synthetic methods for producing said polynucleotides, polypeptides, and/or antibodies. The invention further encompasses screening methods for identifying agonists and antagonists of polynucleotides and polypeptides of the invention. The present invention further encompasses methods and compositions for inhibiting or enhancing the production and function of the polypeptides of the present invention.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER:	2005:202642 USPATFULL
TITLE:	Human secreted proteins
INVENTOR(S):	Rosen, Craig A, Laytonsville, MD, UNITED STATES Ruben, Steven M, Olney, MD, UNITED STATES

	NUMBER	KIND	DATE
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PATENT INFORMATION:	US 2005176061	A1	20050811
APPLICATION INFO.:	US 2003-472953	A1	20020326 (10)
	WO 2002-US9105		20020326

	NUMBER	DATE
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PRIORITY INFORMATION:	US 2003-60278650	20010327
	US 2003-60950082	20010912
	US 2003-60950083	20010912
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	HUMAN GENOME SCIENCES INC, INTELLECTUAL PROPERTY DEPT., 14200 SHADY GROVE ROAD, ROCKVILLE, MD, 20850, US	
NUMBER OF CLAIMS:	32	
EXEMPLARY CLAIM:	1	
LINE COUNT:	40795	
CAS INDEXING IS AVAILABLE FOR THIS PATENT.		

L13 ANSWER 7 OF 268 USPATFULL on STN

TI Modified human growth hormone polypeptides and their uses

AB Modified human growth hormone polypeptides and uses thereof are

provided.

ACCESSION NUMBER: 2005:196262 USPATFULL  
TITLE: Modified human growth hormone polypeptides and their  
uses  
INVENTOR(S): Cho, Ho Sung, San Diego, CA, UNITED STATES  
Daniel, Thomas O., La Jolla, CA, UNITED STATES  
DiMarchi, Richard D., Carmel, IN, UNITED STATES  
Hays, Anna-Maria, La Jolla, CA, UNITED STATES  
Wilson, Troy E., San Marino, CA, UNITED STATES  
Sim, Bee-Cheng, San Diego, CA, UNITED STATES  
Litzinger, David C., Poway, CA, UNITED STATES  
PATENT ASSIGNEE(S): Ambrx, Inc., San Diego, CA, UNITED STATES (U.S.  
corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2005170404	A1	20050804
APPLICATION INFO.:	US 2005-46432	A1	20050128 (11)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2004-541528P	20040202 (60)
	US 2004-581314P	20040618 (60)
	US 2004-581175P	20040618 (60)
	US 2004-580885P	20040618 (60)
	US 2004-638616P	20041222 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	ATTN: JOHN W. WALLEN, III, AMBRX, INC., 10410 SCIENCE CENTER DRIVE, SAN DIEGO, CA, 92121, US	
NUMBER OF CLAIMS:	100	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	22 Drawing Page(s)	
LINE COUNT:	9124	

L13 ANSWER 8 OF 268 USPATFULL on STN

TI Antibodies that immunospecifically bind to TRAIL receptors  
AB The present invention relates to antibodies and related molecules that  
immunospecifically bind to TRAIL receptor, TR4i. Such antibodies have  
uses, for example, in the prevention and **treatment** of cancers  
and other proliferative disorders. The invention also relates to nucleic  
acid molecules encoding anti-TR4 antibodies, vectors and host cells  
containing these nucleic acids, and methods for producing the same. The  
present invention relates to methods and compositions for preventing,  
detecting, diagnosing, treating or ameliorating a disease or disorder,  
especially cancer and other hyperproliferative disorders, comprising  
administering to an animal, preferably a human, an effective amount of  
one or more antibodies or fragments or variants thereof, or related  
molecules, that immunospecifically bind to TRAIL receptor TR4.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2005:150788 USPATFULL  
TITLE: Antibodies that immunospecifically bind to TRAIL  
receptors  
INVENTOR(S): Salcedo, Theodora W., East Syracuse, NY, UNITED STATES  
Ruben, Steven M., Brookeville, MD, UNITED STATES  
Rosen, Craig A., Laytonsville, MD, UNITED STATES  
Albert, Vivian R., Rockville, MD, UNITED STATES  
PATENT ASSIGNEE(S): Human Genome Sciences, Inc., Rockville, MD, UNITED  
STATES, 20850 (U.S. corporation)

NUMBER	KIND	DATE
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PATENT INFORMATION: US 2005129699 A1 20050616  
 APPLICATION INFO.: US 2004-986047 A1 20041112 (10)  
 RELATED APPLN. INFO.: Continuation-in-part of Ser. No. WO 2003-US25457, filed  
 on 15 Aug 2003, PENDING Continuation-in-part of Ser.  
 No. US 2002-139785, filed on 7 May 2002, PENDING

	NUMBER	DATE
PRIORITY INFORMATION:	US 2004-608362P	20040910 (60)
	US 2002-403382P	20020815 (60)
	US 2002-425730P	20021113 (60)
	US 2003-468050P	20030506 (60)
	US 2001-293473P	20010525 (60)
	US 2001-294981P	20010604 (60)
	US 2001-309176P	20010802 (60)
	US 2001-323807P	20010921 (60)
	US 2001-327364P	20011009 (60)
	US 2001-331044P	20011107 (60)
	US 2001-331310P	20011114 (60)
	US 2001-341237P	20011220 (60)
	US 2002-369860P	20020405 (60)

DOCUMENT TYPE: Utility  
 FILE SEGMENT: APPLICATION  
 LEGAL REPRESENTATIVE: HUMAN GENOME SCIENCES INC, INTELLECTUAL PROPERTY DEPT.,  
 14200 SHADY GROVE ROAD, ROCKVILLE, MD, 20850, US  
 NUMBER OF CLAIMS: 77  
 EXEMPLARY CLAIM: 1  
 NUMBER OF DRAWINGS: 3 Drawing Page(s)  
 LINE COUNT: 14506  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L13 ANSWER 9 OF 268 USPATFULL on STN

TI Antibodies that immunospecifically bind to TRAIL receptors  
 AB The present invention relates to antibodies and related molecules that  
 immunospecifically bind to TRAIL receptor, TR4. Such antibodies have  
 uses, for example, in the prevention and **treatment** of cancers  
 and other proliferative disorders. The invention also relates to nucleic  
 acid molecules encoding anti-TR4 antibodies, vectors and host cells  
 containing these nucleic acids, and methods for producing the same. The  
 present invention relates to methods and compositions for preventing,  
 detecting, diagnosing, treating or ameliorating a disease or disorder,  
 especially cancer and other hyperproliferative disorders, comprising  
 administering to an animal, preferably a human, an effective amount of  
 one or more antibodies or fragments or variants thereof, or related  
 molecules, that immunospecifically bind to TRAIL receptor TR4.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2005:150705 USPATFULL  
 TITLE: Antibodies that immunospecifically bind to TRAIL  
 receptors  
 INVENTOR(S): Salcedo, Theodora W., East Syracuse, NY, UNITED STATES  
 Ruben, Steven M., Brookeville, MD, UNITED STATES  
 Rosen, Craig A., Laytonsville, MD, UNITED STATES  
 Albert, Vivian R., Rockville, MD, UNITED STATES  
 PATENT ASSIGNEE(S): Human Genome Sciences, Inc., Rockville, MD, UNITED  
 STATES, 20850 (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2005129616	A1	20050616
APPLICATION INFO.:	US 2004-986046	A1	20041112 (10)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. WO 2003-US25457, filed		



on 15 Aug 2003, PENDING Continuation-in-part of Ser.  
No. US 2002-139785, filed on 7 May 2002, PENDING

	NUMBER	DATE
PRIORITY INFORMATION:	US 2004-608362P	20040910 (60)
	US 2002-403382P	20020815 (60)
	US 2002-425730P	20021113 (60)
	US 2003-468050P	20030506 (60)
	US 2001-293473P	20010525 (60)
	US 2001-294981P	20010604 (60)
	US 2001-309176P	20010802 (60)
	US 2001-323807P	20010921 (60)
	US 2001-327364P	20011009 (60)
	US 2001-331044P	20011107 (60)
	US 2001-331310P	20011114 (60)
	US 2001-341237P	20011220 (60)
	US 2002-369860P	20020405 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	HUMAN GENOME SCIENCES INC, INTELLECTUAL PROPERTY DEPT., 14200 SHADY GROVE ROAD, ROCKVILLE, MD, 20850, US	
NUMBER OF CLAIMS:	77	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	3 Drawing Page(s)	
LINE COUNT:	14500	
CAS INDEXING IS AVAILABLE FOR THIS PATENT.		

L13 ANSWER 10 OF 268 USPATFULL on STN

TI Antibodies that specifically bind to TL5

AB The present invention relates to antibodies and related molecules that specifically bind to TL5. Such antibodies have uses, for example, in the prevention and **treatment** of cancer as well as immune system diseases and disorders including autoimmune disease, rheumatoid arthritis, graft rejection, graft vs. host disease, and lymphadenopathy. The invention also relates to nucleic acid molecules encoding anti-TL5 antibodies, vectors and host cells containing these nucleic acids, and methods for producing the same. The present invention relates to methods and compositions for preventing, detecting, diagnosing, treating or ameliorating a disease or disorder, especially cancer as well as immune system diseases and disorders including autoimmune disease, rheumatoid arthritis, graft rejection, graft vs. host disease, and lymphadenopathy, comprising administering to an animal, preferably a human, an effective amount of one or more antibodies or fragments or variants thereof, or related molecules, that specifically bind to TL5.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2005:150703 USPATFULL  
TITLE: Antibodies that specifically bind to TL5  
INVENTOR(S): Rosen, Craig A., Laytonsville, MD, UNITED STATES  
Ruben, Steven M., Brookeville, MD, UNITED STATES  
PATENT ASSIGNEE(S): Human Genome Sciences, Inc., Rockville, MD, UNITED STATES (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2005129614	A1	20050616
APPLICATION INFO.:	US 2004-943197	A1	20040917 (10)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. WO 2003-US10956, filed on 10 Apr 2003, PENDING		

NUMBER	DATE
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PRIORITY INFORMATION: US 2002-372087P 20020415 (60)  
DOCUMENT TYPE: Utility  
FILE SEGMENT: APPLICATION  
LEGAL REPRESENTATIVE: HUMAN GENOME SCIENCES INC, INTELLECTUAL PROPERTY DEPT.,  
14200 SHADY GROVE ROAD, ROCKVILLE, MD, 20850, US  
NUMBER OF CLAIMS: 81  
EXEMPLARY CLAIM: 1  
LINE COUNT: 7262  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

# Refine Search

## Search Results -

Terms	Documents
L12 and (iron deficiency)	25

Database:

US Pre-Grant Publication Full-Text Database  
US Patents Full-Text Database  
US OCR Full-Text Database  
EPO Abstracts Database  
JPO Abstracts Database  
Derwent World Patents Index  
IBM Technical Disclosure Bulletins

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L13

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## Search History

DATE: Tuesday, August 30, 2005 [Printable Copy](#) [Create Case](#)

### Set Name Query

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### Hit Count Set Name

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DB=PGPB,USPT; PLUR=YES; OP=OR

<u>L13</u>	L12 and (iron deficiency)	25	<u>L13</u>
<u>L12</u>	diabetes adj2 erythropoietin	25	<u>L12</u>
<u>L11</u>	L10 and l8	1	<u>L11</u>
<u>L10</u>	L9 and erythropoietin	1060	<u>L10</u>
<u>L9</u>	diabetes and iron	7060	<u>L9</u>
<u>L8</u>	L6 and l4	5	<u>L8</u>
<u>L7</u>	L6 and l5	0	<u>L7</u>
<u>L6</u>	Roeddiger.in.	5	<u>L6</u>
<u>L5</u>	Roeddinger.in.	0	<u>L5</u>
<u>L4</u>	lehmann.in.	1910	<u>L4</u>
<u>L3</u>	20020115833	1	<u>L3</u>
<u>L2</u>	200200115833	0	<u>L2</u>
<u>L1</u>	20020065214	1	<u>L1</u>

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## Refine Search

### Search Results -

Terms	Documents
diabetes adj2 erythropoietin	25

Database:

US Pre-Grant Publication Full-Text Database  
US Patents Full-Text Database  
US OCR Full-Text Database  
EPO Abstracts Database  
JPO Abstracts Database  
Derwent World Patents Index  
IBM Technical Disclosure Bulletins

Search:

L12

Refine Search

Recall Text

Clear

Interrupt

### Search History

DATE: Tuesday, August 30, 2005 [Printable Copy](#) [Create Case](#)

#### Set Name Query

side by side

#### Hit Count Set Name

result set

*DB=PGPB,USPT; PLUR=YES; OP=OR*

<u>L12</u>	diabetes adj2 erythropoietin	25	<u>L12</u>
<u>L11</u>	L10 and l8	1	<u>L11</u>
<u>L10</u>	L9 and erythropoietin	1060	<u>L10</u>
<u>L9</u>	diabetes and iron	7060	<u>L9</u>
<u>L8</u>	L6 and l4	5	<u>L8</u>
<u>L7</u>	L6 and l5	0	<u>L7</u>
<u>L6</u>	Roeddiger.in.	5	<u>L6</u>
<u>L5</u>	Roeddinger.in.	0	<u>L5</u>
<u>L4</u>	lehmann.in.	1910	<u>L4</u>
<u>L3</u>	20020115833	1	<u>L3</u>
<u>L2</u>	200200115833	0	<u>L2</u>
<u>L1</u>	20020065214	1	<u>L1</u>

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Search Results - Record(s) 1 through 10 of 25 returned.

☐ 1. Document ID: US 20050131359 A1

Using default format because multiple data bases are involved.

L13: Entry 1 of 25

File: PGPB

Jun 16, 2005

PGPUB-DOCUMENT-NUMBER: 20050131359

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050131359 A1

TITLE: Substance delivery system

PUBLICATION-DATE: June 16, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Redding, Bruce K. JR.	Broomall	PA	US	

US-CL-CURRENT: 604/304

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw Desc	Ima
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☐ 2. Document ID: US 20050119454 A1

L13: Entry 2 of 25

File: PGPB

Jun 2, 2005

PGPUB-DOCUMENT-NUMBER: 20050119454

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050119454 A1

TITLE: Algorithmic design of peptides for binding and/or modulation of the functions of receptors and/or other proteins

PUBLICATION-DATE: June 2, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Mandell, Arnold J.	Asheville	NC	US	
Selz, Karen A.	Asheville	NC	US	
Shlesinger, Michael F.	Rockville	MD	US	

US-CL-CURRENT: 530/326; 530/350

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw Desc	Ima
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☐ 3. Document ID: US 20050075599 A1

L13: Entry 3 of 25

File: PGPB

Apr 7, 2005

PGPUB-DOCUMENT-NUMBER: 20050075599

PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20050075599 A1

TITLE: Ultrasonically enhanced saline treatment for burn damaged skin

PUBLICATION-DATE: April 7, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Redding, Bruce K. JR.	Broomall	PA	US	

US-CL-CURRENT: 604/22

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	NMC	Draw Desc	Ima
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☐ 4. Document ID: US 20050065461 A1

L13: Entry 4 of 25

File: PGPB

Mar 24, 2005

PGPUB-DOCUMENT-NUMBER: 20050065461  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20050065461 A1

TITLE: Ultrasonically enhanced substance delivery method

PUBLICATION-DATE: March 24, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Redding, Bruce K. JR.	Broomall	PA	US	

US-CL-CURRENT: 604/22; 601/2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	NMC	Draw Desc	Ima
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☐ 5. Document ID: US 20050038377 A1

L13: Entry 5 of 25

File: PGPB

Feb 17, 2005

PGPUB-DOCUMENT-NUMBER: 20050038377  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20050038377 A1

TITLE: Ultrasonically enhanced substance delivery system and device

PUBLICATION-DATE: February 17, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Redding, Bruce K. JR.	Broomall	PA	US	

US-CL-CURRENT: 604/22

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	NMC	Draw Desc	Ima
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☐ 6. Document ID: US 20050027457 A1

L13: Entry 6 of 25

File: PGPB

Feb 3, 2005

PGPUB-DOCUMENT-NUMBER: 20050027457

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050027457 A1

TITLE: Algorithmic design of peptides for binding and/or modulation of the functions of receptors and/or other proteins

PUBLICATION-DATE: February 3, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Mandell, Arnold J.	Asheville	NC	US	
Selz, Karen A.	Asheville	NC	US	
Shlesinger, Michael F.	Rockville	MD	US	

US-CL-CURRENT: 702/19; 530/350

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	RMC	Draw Desc	Ima
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☐ 7. Document ID: US 20040234509 A1

L13: Entry 7 of 25

File: PGPB

Nov 25, 2004

PGPUB-DOCUMENT-NUMBER: 20040234509

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040234509 A1

TITLE: Replacing liver cells with bone marrow-derived cells for treating disease and expressing therapeutic genes

PUBLICATION-DATE: November 25, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Davis, Roger A.	Solana Beach	CA	US	

US-CL-CURRENT: 424/93.7; 424/450, 424/617

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	RMC	Draw Desc	Ima
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☐ 8. Document ID: US 20040110679 A1

L13: Entry 8 of 25

File: PGPB

Jun 10, 2004

PGPUB-DOCUMENT-NUMBER: 20040110679

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040110679 A1

TITLE: Treatment of disturbances of iron distribution

PUBLICATION-DATE: June 10, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Lehmann, Paul	Worms		DE	
Roeddiger, Ralf	Gorxheimertal		DE	
Walter-Matsui, Ruth	Altenbuseck		DE	

US-CL-CURRENT: 514/12

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw Desc	Ima
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☐ 9. Document ID: US 20040024348 A1

L13: Entry 9 of 25

File: PGPB

Feb 5, 2004

PGPUB-DOCUMENT-NUMBER: 20040024348  
 PGPUB-FILING-TYPE: new  
 DOCUMENT-IDENTIFIER: US 20040024348 A1

TITLE: Substance delivery device

PUBLICATION-DATE: February 5, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Redding, Bruce K. JR.	Broomall	PA	US	

US-CL-CURRENT: 604/22

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw Desc	Ima
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☐ 10. Document ID: US 20040013650 A1

L13: Entry 10 of 25

File: PGPB

Jan 22, 2004

PGPUB-DOCUMENT-NUMBER: 20040013650  
 PGPUB-FILING-TYPE: new  
 DOCUMENT-IDENTIFIER: US 20040013650 A1

TITLE: Long term expression of gene products

PUBLICATION-DATE: January 22, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Leiden, Jeffrey M.	Chicago	IL	US	

US-CL-CURRENT: 424/93.2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw Desc	Ima
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Search Results - Record(s) 11 through 20 of 25 returned.

☐ 11. Document ID: US 20030176656 A1

Using default format because multiple data bases are involved.

L13: Entry 11 of 25

File: PGPB

Sep 18, 2003

PGPUB-DOCUMENT-NUMBER: 20030176656

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030176656 A1

TITLE: Algorithmic design of peptides for binding and/or modulation of the functions of receptors and/or other proteins

PUBLICATION-DATE: September 18, 2003

#### INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Mandell, Arnold J.	Asheville	NC	US	
Selz, Karen A.	Asheville	NC	US	
Shlesinger, Michael F.	Rockville	MD	US	

US-CL-CURRENT: [530/350](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC	Draw Desc	Ima
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☐ 12. Document ID: US 20030148357 A1

L13: Entry 12 of 25

File: PGPB

Aug 7, 2003

PGPUB-DOCUMENT-NUMBER: 20030148357

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030148357 A1

TITLE: Novel cystine knot protein and materials and methods for making it

PUBLICATION-DATE: August 7, 2003

#### INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Sheppard, Paul O.	Redmond	WA	US	
Lok, Si	Seattle	WA	US	

US-CL-CURRENT: [435/6](#); [424/130.1](#), [435/326](#), [435/69.1](#), [530/387.1](#), [530/391.1](#), [536/23.53](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC	Draw Desc	Ima
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☐ 13. Document ID: US 20020156415 A1

L13: Entry 13 of 25

File: PGPB

Oct 24, 2002

PGPUB-DOCUMENT-NUMBER: 20020156415  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20020156415 A1

TITLE: Ultrasonically enhanced substance delivery system and device

PUBLICATION-DATE: October 24, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Redding, Bruce K. JR.	Broomall	PA	US	

US-CL-CURRENT: 604/22; 600/439

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw Desc	Ima
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☐ 14. Document ID: US 20020156414 A1

L13: Entry 14 of 25

File: PGPB

Oct 24, 2002

PGPUB-DOCUMENT-NUMBER: 20020156414  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20020156414 A1

TITLE: Ultrasonically enhanced substance delivery method

PUBLICATION-DATE: October 24, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Redding, Bruce K. JR.	Broomall	PA	US	

US-CL-CURRENT: 604/22; 600/439

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw Desc	Ima
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☐ 15. Document ID: US 20020122788 A1

L13: Entry 15 of 25

File: PGPB

Sep 5, 2002

PGPUB-DOCUMENT-NUMBER: 20020122788  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20020122788 A1

TITLE: LONG-TERM EXPRESSION OF GENE PRODUCTS BY TRANSFORMING MUSCLE CELLS

PUBLICATION-DATE: September 5, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
LEIDEN, JEFFREY M.	CHICAGO	IL	US	

US-CL-CURRENT: 424/93.1; 424/93.2, 424/93.21, 424/93.6, 424/93.7, 435/455, 514/44

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw Desc	Ima
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☐ 16. Document ID: US 20020115960 A1

L13: Entry 16 of 25

File: PGPB

Aug 22, 2002

PGPUB-DOCUMENT-NUMBER: 20020115960  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20020115960 A1

TITLE: Substance delivery system

PUBLICATION-DATE: August 22, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Redding, Bruce K. JR.	Broomall	PA	US	

US-CL-CURRENT: 604/22

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw Desc	Ima
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☐ 17. Document ID: US 20020018815 A1

L13: Entry 17 of 25

File: PGPB

Feb 14, 2002

PGPUB-DOCUMENT-NUMBER: 20020018815  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20020018815 A1

TITLE: Methods and apparatus for fine particle formation

PUBLICATION-DATE: February 14, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Sievers, Robert E.	Boulder	CO	US	
Karst, Uwe	Muenster		DE	

US-CL-CURRENT: 424/489; 264/5

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw Desc	Ima
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☐ 18. Document ID: US 20020009756 A1

L13: Entry 18 of 25

File: PGPB

Jan 24, 2002

PGPUB-DOCUMENT-NUMBER: 20020009756  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20020009756 A1

TITLE: Algorithmic design of peptides for binding and/or modulation of the functions of receptors and/or other proteins

PUBLICATION-DATE: January 24, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Mandell, Arnold J.	Asheville	NC	US	

Selz, Karen A.	Asheville	NC	US
Shlesinger, Michael F.	Rockville	MD	US

US-CL-CURRENT: 435/7.2; 530/333, 702/19

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw Desc	Ima
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☐ 19. Document ID: US 6908448 B2

L13: Entry 19 of 25

File: USPT

Jun 21, 2005

US-PAT-NO: 6908448

DOCUMENT-IDENTIFIER: US 6908448 B2

TITLE: Substance delivery device

DATE-ISSUED: June 21, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Redding, Jr.; Bruce K.	Broomall	PA		

US-CL-CURRENT: 604/22

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw Desc	Ima
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☐ 20. Document ID: US 6865492 B2

L13: Entry 20 of 25

File: USPT

Mar 8, 2005

US-PAT-NO: 6865492

DOCUMENT-IDENTIFIER: US 6865492 B2

TITLE: Algorithmic design of peptides for binding and/or modulation of the functions of receptors and/or other proteins

DATE-ISSUED: March 8, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Mandell; Arnold J.	Asheville	NC		
Selz; Karen A.	Asheville	NC		
Shlesinger; Michael F.	Rockville	MD		

US-CL-CURRENT: 702/19; 530/300, 702/27

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw Desc	Ima
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☐ 1. Document ID: US 20040110679 A1

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L11: Entry 1 of 1

File: PGPB

Jun 10, 2004

PGPUB-DOCUMENT-NUMBER: 20040110679

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040110679 A1

TITLE: Treatment of disturbances of iron distribution

PUBLICATION-DATE: June 10, 2004

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
<u>Lehmann</u> , Paul	Worms		DE	
<u>Roeddiger</u> , Ralf	Gorxheimertal		DE	
Walter-Matsui, Ruth	Altenbuseck		DE	

US-CL-CURRENT: 514/12

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw Desc	Ima
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## Search Results - Record(s) 1 through 5 of 5 returned.

### ☐ 1. Document ID: US 20050181986 A1

Using default format because multiple data bases are involved.

L8: Entry 1 of 5

File: PGPB

Aug 18, 2005

PGPUB-DOCUMENT-NUMBER: 20050181986

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050181986 A1

TITLE: Method of treating disturbances of iron distribution in inflammatory intestinal diseases

PUBLICATION-DATE: August 18, 2005

#### INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Klima, Horst	Penzberg		DE	
<u>Lehmann</u> , Paul	Worms		DE	
<u>Roeddiger</u> , Ralf	Gorxheimertal		DE	
Walter-Matsui, Ruth	Altenbuseck		DE	

US-CL-CURRENT: 514/8; 514/12

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw Desc	Ima
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### ☐ 2. Document ID: US 20050148025 A1

L8: Entry 2 of 5

File: PGPB

Jul 7, 2005

PGPUB-DOCUMENT-NUMBER: 20050148025

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050148025 A1

TITLE: Differential diagnosis with hepcidin

PUBLICATION-DATE: July 7, 2005

#### INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
<u>Lehmann</u> , Paul	Worms		DE	
<u>Roeddiger</u> , Ralf	Gorxheimertal		DE	

US-CL-CURRENT: 435/7.1; 436/86

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw Desc	Ima
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### ☐ 3. Document ID: US 20050136455 A1

L8: Entry 3 of 5

File: PGPB

Jun 23, 2005



PGPUB-DOCUMENT-NUMBER: 20050136455  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20050136455 A1

TITLE: Soluble transferrin receptor

PUBLICATION-DATE: June 23, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
<u>Lehmann</u> , Paul	Worms		DE	
<u>Roeddiger</u> , Ralf	Gorxheimertal		DE	

US-CL-CURRENT: 435/6; 436/86

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw Desc	Ima
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☐ 4. Document ID: US 20040209802 A1

L8: Entry 4 of 5

File: PGPB

Oct 21, 2004

PGPUB-DOCUMENT-NUMBER: 20040209802  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20040209802 A1

TITLE: Treatment of disturbances of iron distribution

PUBLICATION-DATE: October 21, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
<u>Lehmann</u> , Paul	Worms	DE	US	
<u>Roeddiger</u> , Ralf	Gorxheimertal	DE	US	
Walter-Matsui, Ruth	Altenbuseck	DE	US	

US-CL-CURRENT: 514/12

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw Desc	Ima
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☐ 5. Document ID: US 20040110679 A1

L8: Entry 5 of 5

File: PGPB

Jun 10, 2004

PGPUB-DOCUMENT-NUMBER: 20040110679  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20040110679 A1

TITLE: Treatment of disturbances of iron distribution

PUBLICATION-DATE: June 10, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
<u>Lehmann</u> , Paul	Worms		DE	
<u>Roeddiger</u> , Ralf	Gorxheimertal		DE	

US-CL-CURRENT: 514/12

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw Desc	Ima
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☐ 21. Document ID: US 6613319 B2

Using default format because multiple data bases are involved.

L13: Entry 21 of 25

File: USPT

Sep 2, 2003

US-PAT-NO: 6613319

DOCUMENT-IDENTIFIER: US 6613319 B2

TITLE: Long-term expression of erythropoietin and growth hormone by transforming muscle cells

DATE-ISSUED: September 2, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Leiden; Jeffrey M.	Chicago	IL		

US-CL-CURRENT: 424/93.2; 424/93.1, 424/93.21, 424/93.6, 424/93.7, 435/320.1, 435/455, 514/44

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw Desc	Ima
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☐ 22. Document ID: US 6573363 B1

L13: Entry 22 of 25

File: USPT

Jun 3, 2003

US-PAT-NO: 6573363

DOCUMENT-IDENTIFIER: US 6573363 B1

TITLE: Cystine knot protein and materials and methods for making it

DATE-ISSUED: June 3, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Sheppard; Paul O.	Redmond	WA		
Lok; Si	Seattle	WA		

US-CL-CURRENT: 530/350; 424/9.322, 930/10

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw Desc	Ima
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☐ 23. Document ID: US 6560542 B1

L13: Entry 23 of 25

File: USPT

May 6, 2003

US-PAT-NO: 6560542

DOCUMENT-IDENTIFIER: US 6560542 B1

TITLE: Algorithmic design of peptides for binding and/or modulation of the functions of receptors and/or other proteins

DATE-ISSUED: May 6, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Mandell; Arnold J.	Asheville	NC		
Selz; Karen A.	Asheville	NC		
Shlesinger; Michael F.	Rockville	MD		

US-CL-CURRENT: 702/19; 530/300

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw Desc	Ima
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☐ 24. Document ID: US 6095134 A

L13: Entry 24 of 25

File: USPT

Aug 1, 2000

US-PAT-NO: 6095134

DOCUMENT-IDENTIFIER: US 6095134 A

TITLE: Methods and apparatus for fine particle formation

DATE-ISSUED: August 1, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Sievers; Robert E.	Boulder	CO		
Karst; Uwe	Muenster			DE

US-CL-CURRENT: 128/200.14; 128/200.23

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw Desc	Ima
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☐ 25. Document ID: US 5639441 A

L13: Entry 25 of 25

File: USPT

Jun 17, 1997

US-PAT-NO: 5639441

DOCUMENT-IDENTIFIER: US 5639441 A

TITLE: Methods for fine particle formation

DATE-ISSUED: June 17, 1997

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Sievers; Robert E.	Boulder	CO		
Karst; Uwe	Muenster			DE

US-CL-CURRENT: 424/9.3; 128/200.23, 239/2.1, 424/45, 424/46, 427/255.25, 427/255.6

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw Desc	Ima
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